



PATENT APPLICATION  
Attorney Docket: 678-1182 (P11010)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): WHANG, Keum-Chan et al.

Examiner: TU, Julia P.

Serial No.: 10/630,215

Group Art Unit: 2611

Filed: July 30, 2003

For: **APPARATUS AND METHOD FOR GENERATING SPACE-TIME TRELLIS CODE  
FOR MAXIMIZING SPACE-TIME DIVERSITY GAIN AND CODING GAIN IN A  
MOBILE COMMUNICATION SYSTEM**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

For	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate (Small Entity)	Addit. Fee	Rate	Addit. Fee
TOTAL CLAIMS*	10	20	0	x 25 =	\$0	x 50 =	\$0
INDEPENDENT CLAIMS	3	3	0	x100 =	\$0	x200 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				180		360	\$0

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

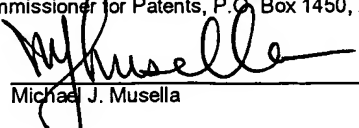
\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: March 21, 2007

  
Michael J. Musella

- ☐ Please charge Deposit Account No. 50-4053 in the amount of \$\_\_\_\_. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$\_\_ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-4053. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-4053 therefor. A DUPLICATE OF THIS SHEET IS ENCLOSED.

Respectfully submitted,



Paul J. Farrell  
Reg No. 33,494  
Attorney for Applicant(s)

THE FARRELL LAW FIRM  
333 Earle Ovington Blvd., Suite 701  
Uniondale, NY 11553  
(516) 228-3565



PATENT APPLICATION  
Attorney Docket No.: 678-1182 (P11010)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): WHANG, Keum-Chan et al. GROUP ART UNIT: 2611  
APPLICATION NO.: 10/630,215 EXAMINER: TU, Julia P.  
FILING DATE: July 30, 2003 DATED: March 21, 2007

FOR: **APPARATUS AND METHOD FOR GENERATING SPACE-TIME  
TRELLIS CODE FOR MAXIMIZING SPACE-TIME DIVERSITY  
GAIN AND CODING GAIN IN A MOBILE COMMUNICATION  
SYSTEM**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

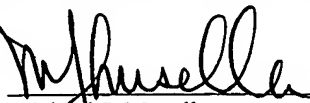
In response to the Office Action of the United States Patent and Trademark Office dated November 21, 2006, please consider the following amendments and remarks.

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 21, 2007.

Dated: March 21, 2007

  
\_\_\_\_\_  
Michael J. Musella